

# Heitor Gouvêa

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## SUMMARY

I am an Information Security Researcher, working on projects that help people, organizations and companies take control of their own security.

My work is focused on understanding threat models, analyzing existing applications and building intelligent tools to combat current and future security risk for both individuals or groups.

I have audited high profile websites for security vulnerabilities and have managed and worked in teams of software developers and computer scientists delivering high security architectures.

I have experience developing in a wide array of programming languages including: Shell Script, JavaScript, Perl and Mojo Framework.

I have knowledge of telecommunication and internet protocols including, but not limited to: TCP/IP, UDP, HTTP, FTP, SSH, SMTP and Telnet.

When I am not doing any of that stuff I run a range of open source software projects:  
<https://github.com/GouveaHeitor>

## EXPERIENCE

### *Information Security Consultant*

Independent

08/2017 - PRESENT

I have been working on defining and writing service budgets, contract models, and confidentiality. In addition to reviewing architectures, threat models and code, in addition to performing penetration testing and vulnerability analysis. Working together with our contractor teams to document and mitigate the risks to ensure the security of the data entrusted to us. Also ministering training in information security: awareness, tools and techniques.

### *Information Technology Intern*

/MA - Computer Associates Municipalities S/A

04/2016 - PRESENT

I participated in the Internship program in order to be trained and prepared to assume strategic positions in the future. I worked directly with clients understanding their problems and later proposing some solutions, developing, performing vulnerability analyzes and maintaining Government Systems that used technologies like: PHP, Symfony, JavaScript, CoffeeScript, Doctrine, MySQL, Twig, Rails and others technologies.

## CERTIFICATIONS

SFC - Scrum Fundamentals Certified

License Number: 563905

The purpose of the exam is to confirm you have basic understanding of the Scrum.

## TECHNICAL SKILLS

**Front-end:** HTML5, CSS3, MaterializeCSS, Sass, JavaScript, TypeScript and AngularJS

**Back-end:** Shell Script, Perl and Mojo Framework

**Database:** MySQL and MongoDB

**Tools:** Bower, Git, Npm, Jekyll, Grunt and Docker

**Information Security:** cryptography, cryptanalysis, vulnerability analysis and penetration testing

**Agile Methods:** Scrum and Extreme Programming

**Network:** TCP/IP, UDP, HTTP, FTP, SSH, SMTP and Telnet

**Mobile development:** Ionic Framework

**Others:** Web performance, SEO, Responsive Design, Cross-browser, Design Patterns, OOP, UML and Linux Administration

## LANGUAGES

**Portuguese:** native proficiency

**English:** limited working proficiency